XF3

DATASTORM
XF SERIES SYSTEMS

The DataStorm XF3 1.2-Meter is MotoSAT's flagship Mobile Satellite Internet system. Designed for commercial/enterprise class service in harsh environments, the XF3 provides the reliability, scalability, and cutting-edge technology to provide an instant broadband solution anywhere. Not only does the XF3 support an almost unlimited range of satellite platforms (including but not limited to ComTech, iDirect, HughesNet, EchoSAT, and LinkStar), the mount can also be moved from one satellite platform to another in a matter of minutes. Like all DataStorm XF mounts, the XF3 utilizes a ground-breaking, geared-motion design, coupled with a more powerful motor. The XF mounts also incorporate a new digital sensor system that allows for ultra-high count/degree resolutions when moving and peaking. This new sensor format ensures maximum signal gain when connecting to any satellite network. All DataStorm XF Series systems are compatible with the DataStorm D3 DVB Controller, allowing seamless upgrades and flexibility between XF Series models.

> MILITARY / CIVIL DEFENSE

> EMERGENCY / FIRE & RESCUE

> OIL & GAS

> RV / OTR

> MEDIA / FIELD PRODUCTION

> MEDICAL / EDUCATION

MotoSAT™
MOBILE SATELLITE SYSTEMS

www.MotoSAT.com || 800.247.7486 || Sales@MotoSAT.com

XF3

SPECIFICATIONS

XF3 1.2 Meter

General Information
Stowed Dimensions 75" L x 49" W x 12.5" H
Reflector Size 1.20 Meter Offset (Prodelin #1134)
Weight 175 lbs

Mount Rotation
Azimuth 365 Degrees
Elevation 143 Degrees Deployed from Stow
Elevation 0 – 70 Degrees Satellite Latitude
Skew (Polarization) +-105 Degrees (cross Pol / Isolation)

Environmental
Survival Wind Speed Deployed 75 MPH (based on attached structure)
Survival Wind Speed Stowed 125 MPH (based on attached structure)
Operation Temperature -30 to +130 F

Power Requirements
15VDC 8.6 Amps (DC Power Supply included)

Acquisition Speeds
Elevation 3 degrees/second
Azimuth 10 degrees/second
Skew 8 degrees/second
Acquisition time to first satellite identification < 90 seconds typical
Acquisition time to target satellite identification < 3 minutes typical

DATASTORM D3
UNIVERSAL DVB CONTROLLER

DATASTORM XF3™
1.2 METER SYSTEM

1.2 METER SYSTEM |
MULTIPLE PLATFORM SUPPORT |
DESIGNED FOR EXTENDED RANGE |
AND HIGH BANDWIDTH INTERNET
APPLICATIONS
ENTERPRISE GRADE DURABILITY |
FOLDS TO 12" HEIGHT |
D3 CONTROLLER COMPATIBLE |

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